SKYTRON

HA60AR-WC

ARGOS SERIES • SURGICAL LIGHTS

ENHANCES
ROOM AESTHETICS

WIDE ANGLE REFLECTOR
PROVIDES 13' DIAMETER COVERAGE
AT 78" WORKING DISTANCE

REMOTE
STROBE GUIDED
RECHARGEABLE WAND

RECHARGEABLE STORAGE
BASE WITH 6' CORD

COMBINATION INTENSITY AND
POSITIONING WALL CONTROL

INTRODUCTION

SKYTRON s HA60AR Argos lights maximize lighting intensity while providing instant visual accuracy at the site via our *exclusive strobe-guided remote control wand.* Lighting units can be used separately or in multiple configurations based upon clinical need or total output requirements. Applications include LDR, LDRP, Cardiac Cath Lab, MRI Labs, ICU/CCU, Exam and Treatment Rooms, Trauma and multiple units of six or more for Major Surgery Suites. Argos Series are particularly useful in areas with low ceiling heights or where ceiling mounted obstructions compromise the use of traditional lighting arm configurations - enhancing clinical performance and aesthetics in a variety of health care settings.

FEATURES

Strobe-guided Remote Control Wand (Rechargeable) provides instant practitioner control and instant target accuracy of all lights, simultaneously. An LED indicator signals low level battery status. Required, priced separately.

Recessed, adjustable lighting system provides high quality, high intensity lighting with the appearance of "non-invasive" standard room lighting.

High Intensity is provided by 3,250 foot-candles (35,000 lux) per lighthead, at a working distance of 60 inches.

Cool Color-Corrected Light provides natural tissue rendering at the site.

Long Lasting Halogen Bulbs are rated at 2,000 hours of useful life and can be changed without tools.

Wide Angle Reflector Design permits positioning of light pattern within a 13 foot diameter circle at a working distance of 78 inches.

Control Box powers up to two lights. Required, priced separately.

FEATURES

Rechargeable Base with four foot cord provides convenient storage site for Wand and insures batteries are fully charged for every procedure. Single Rechargeable Base may provide recharging needs for up to four rechargeable wands. Required, priced separately.

Wall Control provides individual positioning of each lighthead as well as uniform intensity adjustment for both lightheads. Required, priced separately.

OPTIONS

Sterile Drapes are available for sterile procedures, quantity of 50 per case.

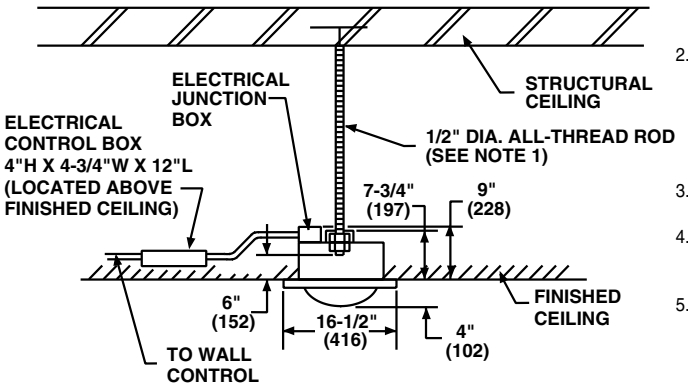
Non-Sterile Drapes are available, bulk packed in quantity of 500 per case.

ARCHITECTURAL SPECIFICATIONS

Surgical (Exam) Lighting System shall consist of (Specify one or two fixtures) 13-1/2" diameter recess mounted fixtures. Each lighthead is to be equipped with optical sensors to permit user control of positioning from hand-held control wand. Sterile drapes for the control wand are to be available as required. Wall control shall provide intensity and positioning control. Maximum intensity is to be 3,250 foot-candles (35,000 lux) at 60 inches per lighthead at a color temperature of 4,000 – 250 Kelvin. Bulb is to be 24V, 100W Halogen type and can be changed without tools. Each unit is to provide cool, color corrected light that is diffused evenly over the 6" spot produced. System shall be SKYTRON Model HA60AR-WC.

TYPICAL MOUNTING STRUCTURE DEPICTED

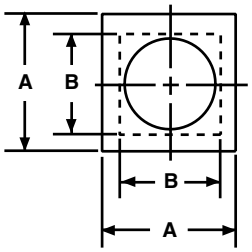
CONSULT SPECIFIC SEISMIC CALCULATIONS IF APPLICABLE



SIDE VIEW

NOTES

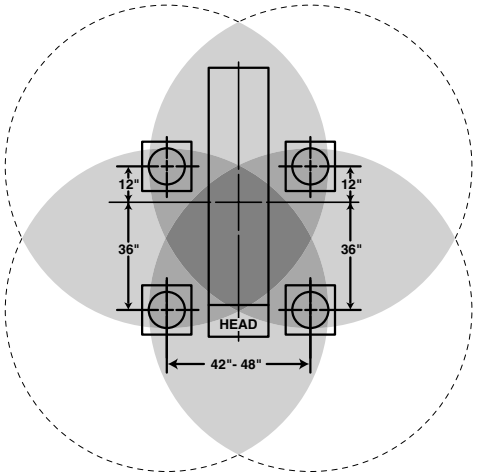
1. 1/2" Diameter support rod centered in fixture opening for total support of light. All labor and materials for fabrication, 1/2" nuts and washers (2 each required) for fixture attachment, contractor supplied.
2. All wiring, conduit, and other electrical materials as well as installation labor for the SKYTRON light fixture to be provided by electrical contractor. All installations of SKYTRON lighting fixtures should be under the direct supervision of a SKYTRON service representative.
3. All wiring to be in accordance with local codes. 120 VAC.
4. Wall Control requires minimum 2-3/4" deep, 4" x 6" triple switch box (Appleton M3-350 or equivalent).
5. Wall Control to Control Box wiring requires 4 color coded 20AWG wires and 3 two-wire shielded cables, 20AWG. Control Box to each Lighthead wiring requires 6 color coded 20AWG wires and 1 two-wire shielded cable, 20AWG.
6. Shielded Cable is SKYTRON supplied.



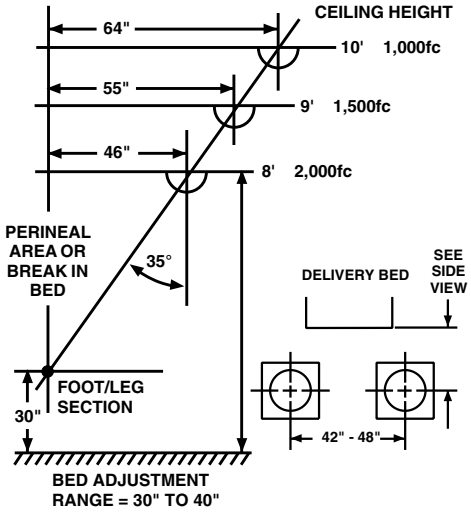
A - 16-1/2"
B - 14"

PLAN VIEW

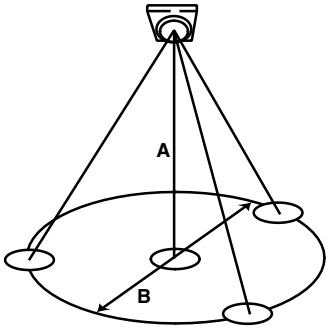
MOUNTING STRUCTURE AND WIRING GUIDELINE



CATH LAB APPLICATION



BIRTHING ROOM APPLICATION



A = 4400 FC @ Working Height of 60"
B = 108" Diameter / 54" Radius

TECHNICAL DATA

Electrical: 120 volts, 60 Hertz, single phase

Power Consumption: 100 watts (340 BTU/hr.)

Amperage: Approximately 3 amp, fuse protected

Intensity: 4,400 fc (47,500 lux) at 60 inches

Color Temperature: 4,000 ° ±250°K

Beam Temperature: Less than 25,000 microwatts per sq. centimeter as recommended by the I.E.S. handbook.

Current Leakage: Less than 100 microamps

Bulb Type: 24v/100w Halogen

Weight: 25 lbs. each

Ceiling Height: Minimum - 7'-6", Maximum - 10'-0" (Consult your SKYTRON representative for multiple fixture installations.)

Mounting Structure: Provided by others.

Required Components:

- Control Wand, rechargeable, B5-012-01 controls one or both lights
- Charging Unit, B5-012-00
- Control Box, B5-011-85 powers one or both lights
- Wall Control, B5-011-84 powers & positions one or both lights

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